

XENARC NIGHT BREAKER LASER (NEXT GEN) D1S

Brightest OSRAM xenon light



Up to 220% more brightness^{1), 2)}

More light allows to see farther and therefore react sooner compared to the minimum legal standard



Up to 250 m long beam

For better visibility



Up to 20% whiter light¹⁾

More modern look compared to the minimum legal standard



For more customer satisfaction

3 year guarantee, refer to www.osram.com/am-guarantee for precise conditions



The most powerful xenon light from OSRAM

XENARC NIGHT BREAKER LASER is the brightest OSRAM xenon light. This powerful lamp with efficient xenon technology ensures a better visibility on the road: up to 220% more brightness compared to the minimum legal standard. More light allows to see further and therefore react sooner. Added to this is the up to 250 meter long beam and up to 20% whiter light for more modern look (compared to the minimum legal standard). Discover the pure performance of XENARC NIGHT BREAKER LASER - the most powerful xenon light from OSRAM, available in D1S, D2S, D3S and D4S. Please note: XENARC lamp change is recommended to be carried out by a professional and in pairs.¹⁾ Compared to minimum ECE R98/R99 requirements²⁾ D3S, D4S

Technical data

Product information

| | |
|------------------------|---|
| Product legal advice 1 | 1) Compared to minimum ECE R98/R99 requirements |
| Product legal advice 2 | 2) D3S, D4S |

Electrical data

| | |
|-----------------------|---------|
| Power input | 35 W |
| Nominal voltage | 85.0 V |
| Nominal wattage | 35.00 W |
| Power input tolerance | ±3 % |
| Test voltage | 13.5 V |

Photometrical data

| | |
|-------------------------|---------|
| Luminous flux | 3200 lm |
| Luminous flux tolerance | ±15 % |

Dimensions & weight

| | |
|----------------|---------|
| Length | 83.2 mm |
| Diameter | 9 mm |
| Product weight | 59.00 g |

Lifespan

| | |
|-------------|--------|
| Lifespan B3 | 1500 h |
| Lifespan Tc | 3000 h |

Additional product data

| | |
|-----------------------------|---------|
| Base (standard designation) | PK32d-2 |
|-----------------------------|---------|

Capabilities

| | |
|------------|-------------------|
| Technology | HID ¹⁾ |
|------------|-------------------|

¹⁾ High-intensity discharge lamp

Certificates & standards

| | |
|---------------------------|-------------------|
| ECE category | D1S ¹⁾ |
| Approval marks – approval | E1 approval |

¹⁾ To be operated only with approved electronic control gear

Environmental information

Product datasheet

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|-------------------------------|
| Date of Declaration | 12-04-2024 |
| Primary Article Identifier | 4052899631281 4052899631328 |
| Declaration No. in SCIP database | In work |

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|-----------------------------------|---------------------------------|---|-----------------------|--------------|
| 4052899631281 | XENARC NIGHT BREAKER LASER D1S | Hard Cover Box 2 | 114 mm x 49 mm x 106 mm | 0.58 dm ³ | 210.00 g |
| 4062172313599 | XENARC NIGHT BREAKER LASER D1S | Shipping carton box 4 | 122 mm x 106 mm x 121 mm | 1.56 dm ³ | 500.00 g |
| 4062172313605 | XENARC NIGHT BREAKER LASER D1S | Shipping carton box 48 | 371 mm x 256 mm x 232 mm | 22.03 dm ³ | 6251.00 g |
| 4052899631328 | XENARC NIGHT BREAKER LASER D1S | Folding carton box 1 | 53 mm x 46 mm x 93 mm | 0.23 dm ³ | 79.00 g |
| 4062172313681 | XENARC NIGHT BREAKER LASER D1S | Shipping carton box 4 | 115 mm x 101 mm x 103 mm | 1.20 dm ³ | 341.00 g |
| 4062172313698 | XENARC NIGHT BREAKER LASER D1S | Shipping carton box 48 | 371 mm x 256 mm x 232 mm | 22.03 dm ³ | 4343.00 g |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Download Data

| File | |
|---|---|
|  | Movie application Installation Video Xenarc Night Breaker Laser Opel Zafira (EN) |

Safety advice

XENARC lamps should be replaced by a qualified mechanic.

This product must only be operated with approved electronic control gear.

Legal advice

Light output compared to the minimum ECE R98/99 requirements

This product must only be operated with approved electronic control gear

XENARC lamps should be replaced by a qualified mechanic

Reduced UV emission | For projection headlights | ECE approval and DOT label

Product datasheet

± 450 lm

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

The OSRAM logo is displayed in a bold, orange, sans-serif font.